



# hf Happenings 860

Volume 19, Issue 17, the week of 12 August 2019

You can now download your copy of HF Happenings from [www.sarl.org.za/hf\\_happenings.asp](http://www.sarl.org.za/hf_happenings.asp)

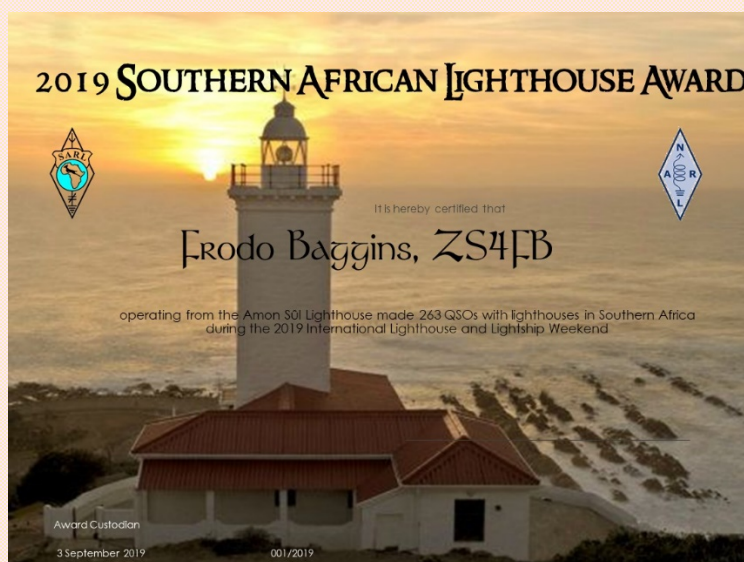
Southern African Fauna and Flora <https://zsfaunaandflora.wordpress.com/>

ZS SOTA <https://zssota.wordpress.com>

Zone 38 Award and others <https://zone38award.wordpress.com/>

Worldwide List of HF Beacons <https://iaruhfbacons.wordpress.com/>

5 MHz (60 metre) allocations <http://www.sarl.org.za/public/contests/contestrules.asp>



Cape St Blaize Lighthouse

## The International Lighthouse Weekend on 17 And 18 August

The International Lighthouse and Lightship Weekend on 17 and 18 August is not a contest, there are no prizes, certificates or other enticements to participate and therefore, participation is free. Each station's operators decide how they will operate their station regards modes and bands.

At the time of writing, the following 16 Southern African Lighthouses have been registered on <https://illw.net/> - Pelican Point, V51NAM; Cape Columbine, ZS1BK; North Head, ZS3VDK; South Head, ZS3ZU; Robben Island, ZS9V; Green Point, Cape Town, ZS1CT; Slangkop, ZS1FRC; Roman Rock, ZS0RR; Cape Hangklip, ZS1CRG; Danger Point, ZS1OAR; Cape Agulhas, ZS1BAK; Cape Recife, ZS2ABZ; Donkin Reserve, ZS2PE; North Sand Bluff, ZS5HAC; Cooper, ZS5D and Tugela Bluff, ZS5ZLB. Robben Island also counts for IOTA AF-064 and ZSFF-0322.

One of the easiest lighthouses to activate must be Umhlanga Rocks, but there are no takers. The 2019 Southern African Lighthouse Award will be available for QSOs made during the ILLW activity. Get all the details on page 8 of the August 2019 issue of Radio ZS.

## YOTA 2019 in Bulgaria

Up to 80 young radio amateurs, primarily from IARU Region 1 but including participants from other parts of the world, are gathered in Bulgaria from 11 August for the ninth annual Youngsters on the Air Summer Camp.

### August

11 to 17 – YOTA 2019, Sofia Bulgaria

12 – International Youth Day; closing date HF Phone logs

13 - Perseid Meteor Shower maximum

16 – closing date YL logs

17 and 18 – International Lighthouse and Lightship Weekend

18 – SARL HF Digital Contest

19 – World Humanitarian Day

20 – Highway ARC meeting

23 – closing date for September Radio ZS

23 to 1 Sept – The Clanwilliam Wild Flower Festival

25 – SARL HF CW Contest

29 to 31 – Williston Winter Festival

30 and 31 – Hantam Vleisfees, Calvinia

31 - JARL Ham Fair, Tokyo; Islamic New Year

### September

1 - JARL Ham Fair, Tokyo; National Harbour Week starts

2 - Closing date HF CW logs

6 to 8 – Ceres Railway West Coast Trip

7 and 8 - Region 1 SSB Field Day and RSGB SSB Field Day

The special call sign LZ19YOTA will be on the air during the week-long event, hosted by the Bulgarian Federation of Radio Amateurs. Activities will include kit building and an opportunity to visit the surrounding region, including the Acom amplifier factory. QSL LZ19YOTA via the bureau to LZ1BJ.

### **Provisional Results of the SARL HF Phone Contest**

The Contest Committee received 36 log sheets and 1 check log for the HF Phone Contest held on Sunday 4 August 2019. Unfortunately, there were a few log sheets submitted without a call sign in the title – ‘ZS2B 2019 SARL Phone Contest.xlsx / adi / cbr.’ One log was submitted as a jpg file! There were no multi-operator logs submitted. 1 302 QSOs are recorded in the log sheets – 14 QSOs on 20 metres; 629 QSOs on 40 metres and 659 QSOs on 80 metres. ZS9V counts for Area 1.

- 1<sup>st</sup> Jan Botha, ZS4JAN – 163 points
- 2<sup>nd</sup> Schalk van Vuuren, ZS1LL – 146 points
- 3<sup>rd</sup> Marinus Willemstijn, ZS6MAW – 115 points
- 4<sup>th</sup> Hans Kappetijn, ZS6KR – 112 points
- 5<sup>th</sup> Woody Collett, ZS3WL – 108 points
- 6<sup>th</sup> Sid Tyler, ZS5H – 98 points
- 7<sup>th</sup> Barry Nugent, ZS2NF – 97 points
- 8<sup>th</sup> Theunis Potgieter, ZS2EC – 88 points
- 9<sup>th</sup> Charmaine Schutte, ZS5CVH – 87 points
- 10<sup>th</sup> Breanne Schutte, ZS5BZ – 83 points
- 11<sup>th</sup> Albert Schreuder, ZS6SE – 71 points
- 12<sup>th</sup> Johan van Zijl, ZS4DZ – 62 points
- 13<sup>th</sup> Anthony Rouquette, ZS6ANT and Geoff Levey, ZS6C – 57 points
- 15<sup>th</sup> Pierre Holtzhausen, ZS6PJH – 56 points
- 16<sup>th</sup> Louis Koen, ZS5LS – 45 points
- 17<sup>th</sup> Hennie Marais, ZS6HM and Marco Neu, ZS6NEU – 40 points
- 19<sup>th</sup> Garth Wheeler, ZS5GMW – 37 points
- 20<sup>th</sup> Karin Andrews, ZS6MMA – 36 points
- 21<sup>st</sup> Anton Coetzee, ZS1WP – 32 points
- 22<sup>nd</sup> Nickus de Vos, ZR6JN – 31 points
- 23<sup>rd</sup> Heather Holland, ZS5YH – 30 points
- 24<sup>th</sup> Andrew Estill, ZS6AN – 23 points
- 25<sup>th</sup> Dylan Macdonald, ZS2MAC – 22 points
- 26<sup>th</sup> Anthony Walley, ZS6ARW – 20 points
- 27<sup>th</sup> Dolf Baard, ZS3CRB – 16 points
- 28<sup>th</sup> Johan vd Merwe, ZS1BBA; James Venmore, ZS1RBT and Brad Mostert, ZS6WWW – 15 points
- 31<sup>st</sup> Johan de Villiers, ZS1DE – 13 points
- 32<sup>nd</sup> Rassie Erasmus, ZS1YT – 12 points
- 33<sup>rd</sup> Barend Venter, ZS4BGV; Johan Els, ZS4LS; Martin Schwella, ZS4MS and Bernie vd Walt, ZS4TX – 11 points

Checklog – Jan van der Vyver, ZS1VDV operating ZS9V (to test equipment) – 121 points

#### **Club Competition**

- 1<sup>st</sup> Bo-Karoo ARC – 440 points (5 logs)
- 2<sup>nd</sup> Pretoria ARC – 239 points (3 logs)
- 3<sup>rd</sup> PEARS (3 logs) and Bloemfontein ARC (5 logs) – 207 points
- 5<sup>th</sup> Hibiscus Coast ARC (3 logs) and the West Rand ARC (4 logs) – 173 points
- 7<sup>th</sup> Highway ARC – 37 points (1 log)
- 8<sup>th</sup> Boland ARC – 12 points (1 log)

Silent Keys Memorial SSB Trophy – Jan Botha, ZS4JAN  
Joseph White Trophy - Jan Botha, ZS4JAN  
The AKYAB Trophy - Breanne Schutte, ZS5BZ

### INDEXA News

The Summer 2019 Issue of the INDEXA Newsletter is now available. This issue features the reports on The Kanton Island, Central Kiribati T31EU - "QRV from a scrap heap"; CE0Y/NP4G - A Father and Son DXpedition; Zorro Miyazawa, JH1AJT, chosen Honorary Advisor to Bhutan Olympic Committee; Introducing a new video presentation about INDEXA and a message from INDEXA President Bob Schenck, N2OO. The newsletter can be downloaded at: English [www.indexa.org/documents/newsletters/Newsletter-Issue-126-Summer%202019.pdf](http://www.indexa.org/documents/newsletters/Newsletter-Issue-126-Summer%202019.pdf) or Spanish [www.indexa.org/documents/newsletters/Newsletter-Issue-126-Summer%202019\(ES\).pdf](http://www.indexa.org/documents/newsletters/Newsletter-Issue-126-Summer%202019(ES).pdf)

### African DX

*Contacts with stations on the African continent count towards the SARL's All Africa Award*  
([www.sarl.org.za/public/awards/awards.asp](http://www.sarl.org.za/public/awards/awards.asp))

South Sudan, Z8. Diya, YI1DZ is once again operating as Z81D until 10 October. Operation from 80 to 10 metres using SSB and FT8. QSL via OM3JW, OQRS.



Morocco, 5E. The Royal Amateur Radio Association of Morocco (ARRAM) is now active using the special event callsign 5E6A for their National Celebration until 29 September. QSL via EA7FTR direct.

Tanzania, 5H. Maurizio, IK2GZU, will once again return to the "Mission Ilembula" to do some work at the new hospital and orphanage between 25 September and 28 October. He plans to be active during his spare time as 5H3MB on various HF bands. Maurizio will use his FT-100 and the mission's TS-850 into a tri-band 3 element beam (20/15/10 m) fixed on Europe and a vertical or dipole for the other bands. QSL via IK2GZU, direct or by the Bureau. Also, QSL via LoTW (after his return home) and eQSL. For more details, updates and an online log, visit his Web pages at <http://www.buffoli-pm.it/5h/Tanzania%202011.htm> and <http://www.buffoli-pm.it/5h/qsll%20request.htm>

### African Islands

IOTA Frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

South Africa, ZS. The ZS9V team will again be operating from Robben Island (AF-064, ZSFF-0322 and ZA0008) from the evening of 15 August until sometime on 20 August. This covers the weekend of ILLW. Further information on the operation will be published on <http://zs9v.org.za/>



### Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 12 to 19 July 2019

4 States QRP Group Second Sunday Sprint  
00:00 UTC-02:00 UTC 12 August  
Geographic Focus: North America  
Participation: Worldwide  
Mode: CW, SSB

Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op  
Exchange: Member: RS(T), state, province or country and member no; Non-member: RS(T), state, province or country and power



Work stations: Once per band  
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 14 August 2019  
E-mail logs to: (none)  
Post log summary at:  
<http://grpcontest.com/4sqrp>  
Mail logs to: (none)  
Find rules at:  
[www.4sqrp.com/SSS/sss\\_rules.pdf](http://www.4sqrp.com/SSS/sss_rules.pdf)

NAQCC CW Sprint  
00:30 UTC-02:30 UTC 14 August  
Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: CW  
Bands: 80, 40, 20 m  
Classes: (none)  
Max power: 5 watts  
Exchange: RST, state, province or country and NAQCC No or power  
Work stations: Once per band  
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member  
Multipliers: Each state, province, or country once; Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other  
Score Calculation: Total score = total QSO points x total mults x key type mult  
Submit logs by: 23:59 UTC 17 August 2019  
E-mail logs to: [naqcc33@windstream.net](mailto:naqcc33@windstream.net) and [jcoreyc@gmail.com](mailto:jcoreyc@gmail.com)  
Upload log at:  
[http://naqcc.info/sprint\\_submit\\_log.html](http://naqcc.info/sprint_submit_log.html)  
Mail logs to: (none)  
Find rules at:  
<http://naqcc.info/sprint/sprint201908.html>

Phone Fray  
02:30 - 03:00 UTC 14 August  
Geographic Focus: North America  
Participation: Worldwide  
Mode: SSB  
Bands: 160, 80, 40, 20, 15 m  
Classes: Single Op  
Max power: 100 watts  
Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band  
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station  
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 03:00 UTC 16 August 2019  
E-mail logs to: (none)  
Post log summary at: [www.3830scores.com](http://www.3830scores.com)  
Mail logs to: (none)  
Find rules at:  
[www.perluma.com/Phone\\_Fray\\_Contest\\_Rule\\_s.pdf](http://www.perluma.com/Phone_Fray_Contest_Rule_s.pdf)

CWops Mini-CWT Test  
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 14 August and 03:00 - 04:00 UTC 15 August  
Geographic Focus: Worldwide  
Participation: Worldwide  
Awards: Worldwide  
Mode: CW  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op - QRP, low or high  
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts  
Exchange: Member: Name and member no; non-Member: Name and state, province or country  
Work stations: Once per band  
QSO Points: 1 point per QSO  
Multipliers: Each call once  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 04:00 UTC 17 August 2019  
Post log summary at: [www.3830scores.com](http://www.3830scores.com)  
Mail logs to: (none)  
Find rules at: <https://cwops.org/cwops-tests/>

QRP Fox Hunt  
01:00 - 02:30 UTC 16 August  
Geographic Focus: United States  
Participation: Worldwide  
Mode: CW  
Bands: 20 m Only  
Classes: Single Op - fox or hound  
Max power: 5 watts  
Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 02:30 UTC 17 August 2019  
E-mail logs to: (see rules)  
Mail logs to: (none)  
Find rules at:  
[www.qrpfoxhunt.org/summer\\_rules.htm](http://www.qrpfoxhunt.org/summer_rules.htm)

NCCC RTTY Sprint  
01:45 - 02:15 UTC 16 August  
Geographic Focus: North America  
Participation: Worldwide  
Mode: RTTY  
Bands: (see rules)  
Classes: (none)  
Exchange: Serial no, name and QTH  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 18 August 2019  
E-mail logs to: (none)  
Post log summary at: [www.3830scores.com/](http://www.3830scores.com/)  
Mail logs to: (none)  
Find rules at: [www.ncccsprint.com/rttyns.html](http://www.ncccsprint.com/rttyns.html)

NCCC Sprint  
02:30 - 03:00 UTC 16 August  
Geographic Focus: North America  
Participation: Worldwide  
Mode: CW  
Bands: (see rules)  
Classes: (none)  
Exchange: Serial no, name and QTH  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 18 August 2019  
E-mail logs to: (none)  
Post log summary at: [www.3830scores.com/](http://www.3830scores.com/)  
Mail logs to: (none)  
Find rules at: [www.ncccsprint.com/rules.html](http://www.ncccsprint.com/rules.html)

SARTG WW RTTY Contest  
00:00 UTC-08:00 UTC 17 August and 16:00 - 24:00 UTC 17 August and 08:00 UTC-16:00 UTC 18 August  
Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: RTTY  
Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band; Single Op All Band Low Power; Single Op Single Band; Multi-Single; SWL  
Max power: HP: >100 Watts; LP: 100 Watts  
Exchange: RST and serial no  
Work stations: Once per band  
QSO Points: 5 points per QSO with same country; 10 points per QSO with same continent; 15 points per QSO with different continent  
Multipliers: Each DXCC country once per band; Each VK, VE, JA, W call area once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 12 September 2019  
E-mail logs to: [sm7bhm@telia.com](mailto:sm7bhm@telia.com)  
Upload log at:  
[http://ua9qcq.com/en/submit\\_log.php](http://ua9qcq.com/en/submit_log.php)  
Mail logs to: SARTG Contest Manager, Ewe Hakansson, SM7BHM, Pilspetsvagen 4, SE-29166 Kristianstad, Sweden  
Find rules at:  
[www.sartg.com/contest/wwrules.htm](http://www.sartg.com/contest/wwrules.htm)

Russian District Award Contest  
08:00 UTC 17 August to 08:00 UTC 18 August  
Geographic Focus: Russia  
Participation: Worldwide  
Mode: CW, SSB  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: SOAB Mixed Mode - high or low; SOAB Mixed Mode Field; SOAB CW - high or low; SOAB CW Field; SOAB SSB - high or low; SOAB SSB Field; Multi-Single Mixed Mode; Multi-Single Mixed Mode Field; SWL  
Exchange: RU: RS(T) and District code; non-RU: RS(T) and QSO no  
Work stations: Once per band per mode  
QSO Points: RU: 1 point per QSO with same country; RU: 2 points per QSO with same country, different continent; RU: 3 points per QSO with different country, same continent; RU: 5 points per QSO with different country, different continent; RU: 10 points per QSO between Field entrants; non-RU: 10 points per QSO with RU station  
Multipliers: RU Stations: Each DXCC country once per band and each RDA district once only; non-RU Stations: Each RDA district once only  
Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 August 2019  
E-mail logs to: [rx3rc@rdaward.org](mailto:rx3rc@rdaward.org)  
Upload log at:  
[http://ua9qcq.com/en/submit\\_log.php](http://ua9qcq.com/en/submit_log.php)  
Mail logs to: (none)  
Find rules at: <http://rdaward.org/rdac1.htm>

Keyman's Club of Japan Contest  
12:00 UTC 17 August to 12:00 UTC 18 August  
Geographic Focus: Japan  
Participation: Worldwide  
Mode: CW  
Bands: 160, 80, 40, 20, 15, 10, 6 m  
Classes: Single Op Multiband; Single Op Single Band (JA Only); SWL  
Exchange: JA: RST and prefecture/district code; non-JA: RST and continent code  
QSO Points: JA Station: 1 point per QSO with JA station; JA Station: 5 points per QSO with DX station; non-JA Station: 1 point per QSO with JA station  
Multipliers: JA/non-JA Station: Each JA prefecture once per band; JA Station: Each continent once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 5 September 2019  
E-mail logs to: [2019kcjtest@kcj-cw.com](mailto:2019kcjtest@kcj-cw.com)  
Upload log at: [www.kcj-cw.com](http://www.kcj-cw.com)  
Mail logs to: T. Nakamura, 4-7 Shinden-Nakamachi, Daito, 574-0056, Osaka, Japan  
Find rules at: [www.kcj-cw.com/contest/19\\_kcj\\_contest\\_rule\\_e.pdf](http://www.kcj-cw.com/contest/19_kcj_contest_rule_e.pdf)

Feld Hell Sprint  
16:00 – 17:59 UTC 17 August  
Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: Feld Hell  
Bands: 160, 80, 40, 20, 15, 10, 6 m  
Classes: (none)  
Max power: Standard: 100 watts; QRP: 5 watts  
Exchange: (see rules)  
Work stations: Once per band  
QSO Points: (see rules)  
Bonus Points: (see rules)  
Multipliers: (see rules)  
Score Calculation: (see rules)  
Submit logs by: 21 August 2019  
Upload log at:  
<https://sites.google.com/site/feldhellclub/>

Mail logs to: (none)  
Find rules at:  
<https://sites.google.com/site/feldhellclub/Home/contests/sprints/gridlocsprint>

North American SSB QSO Party  
18:00 UTC 17 August to 05:59 UTC 18 August  
Geographic Focus: North America  
Participation: Worldwide  
Awards: North America  
Mode: SSB  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op – QRP or low; Multi-Two - low  
Max operating hours: Single Op: 10 hours; Multi-Two: 12 hours  
Max power: LP: 100 watts; QRP: 5 watts  
Exchange: NA: Name and state, DC, province or country; non-NA: Name  
Work stations: Once per band  
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station  
Multipliers: Each US state/DC (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 05:59 UTC 23 August 2019  
E-mail logs to: (none)  
Upload log at:  
[www.ncjweb.com/naqplogssubmit/](http://www.ncjweb.com/naqplogssubmit/)  
Mail logs to: Bill Lippert, AC0W, 2013 6th Avenue SE, Austin, MN 55912-4321, USA  
Find rules at: [www.ncjweb.com/NAQP-Rules.pdf](http://www.ncjweb.com/NAQP-Rules.pdf)

CVA DX CW Contest  
21:00 UTC 17 August to 21:00 UTC 18 August  
Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: CW  
Bands: 80, 40, 20, 15, 10 m  
Classes: Single Op - QRP, low or high; Single Op Single Band - low or high; Multi-Single - low or high; Multi-Two; Headquarters; Teen Single Op; YL Single Op  
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts  
Exchange: RST and type/UF (see rules)



Work stations: Once per band  
 QSO Points: (see rules)  
 Multipliers: Each UF once per band; Each country once only  
 Score Calculation: Total score = total QSO points x total mults  
 Submit logs by: 15 September 2019  
 E-mail logs to: [cw@craec.org](mailto:cw@craec.org)  
 Mail logs to: (none)  
 Find rules at:  
<http://glauberviana2009.wixsite.com/cva3-dx-html/regulamento>

SARL HF Digital Contest  
 14:00 - 17:00 UTC 18 August  
 Geographic Focus: Southern Africa  
 Participation: Southern Africa  
 Mode: RTTY, PSK31  
 Bands: 80, 40, 20 m  
 Classes: Single Op All Band; Single Op Single Band; Multi-Op All Band; Multi-Op Single Band  
 Exchange: RST and serial no  
 Score Calculation: (see rules)  
 Submit logs by: 25 August 2019  
 E-mail logs to: [zs4bfm@mweb.co.za](mailto:zs4bfm@mweb.co.za)  
 Mail logs to: (none)  
 Find rules at: 2019 SARL Blue Book

NJQRP Skeeter Hunt  
 17:00 - 21:00 UTC 18 August  
 Geographic Focus: Worldwide  
 Participation: Worldwide  
 Mode: CW, SSB  
 Bands: 80, 40, 20, 15, 10 m  
 Classes: Single Op - CW, SSB or mixed - home or portable - commercial or home brew; Multi-Op - CW, SSB or mixed - home or portable - commercial or home brew  
 Max power: CW: 5 watts; SSB: 10 watts  
 Exchange: Skeeter: RS(T), state, province or country and Skeeter no; Non-Skeeter: RS(T), state, province or country, power and "W"  
 Work stations: Once per band  
 QSO Points: 3 points per QSO with Skeeter station; 2 points per QSO with QRP non-Skeeter station; 1 point per QSO with QRO non-Skeeter station; 100 points for displaying Skeeter logo at operating position  
 Multipliers: state/province/country only once; Home and commercial: x 1; Home and home

brew: x 2; Portable and commercial: x 3;  
 Portable and home brew: x 4  
 Score Calculation: Total score = (total QSO points x S/P/C mults x class mult) and bonus points  
 Submit logs by: 1 September 2019  
 E-mail logs to: [w2lj@arrl.net](mailto:w2lj@arrl.net)  
 Mail logs to: (none)  
 Find rules at: [www.qsl.net/w2lj/](http://www.qsl.net/w2lj/)

ARRL Rookie Roundup, RTTY  
 18:00 - 23:59 UTC 18 August  
 Geographic Focus: North America  
 Participation: Worldwide  
 Mode: RTTY  
 Bands: 80, 40, 20, 15, 10 m  
 Classes: Single Op Rookie; Multi-Op Rookie; Non-Rookies  
 Max power: 100 watts  
 Exchange: NA: Name, 2-digit year first licensed and state, province, XE area or DX  
 Work stations: Once per band  
 QSO Points: 1 point per QSO with non-rookie; 2 points per QSO with rookie  
 Multipliers: Each US state and DC once; Each VE province once; Each XE call area once; One DX once  
 Score Calculation: Total score = total QSO points x total mults  
 Submit logs by: 23:59 UTC 21 August 2019  
 E-mail logs to: (none)  
 Post log summary at:  
[www.b4h.net/arrlrr/rr\\_scoresubmission.php](http://www.b4h.net/arrlrr/rr_scoresubmission.php)  
 Mail logs to: (none)  
 Find rules at: [www.arrl.org/rookie-roundup](http://www.arrl.org/rookie-roundup)

Run for the Bacon QRP Contest  
 01:00 - 03:00 UTC, Aug 19  
 Geographic Focus: Worldwide  
 Participation: Worldwide  
 Mode: CW  
 Bands: 160, 80, 40, 20, 15, 10 m  
 Classes: Single Band; All Band  
 Max power: 5 watts  
 Exchange: RST, state, province or country and member no or power  
 Work stations: Once per band  
 QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province, or country once; Multiply mults by 2 if >50 members worked  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 25 August 2019

E-mail logs to: (none)  
Upload log at:  
<http://qrptest.com/pigrun/autolog.php>  
Mail logs to: (none)  
Find rules at: <http://qrptest.com/pigrun/>

### Next Week's Contests

Phone Fray, 02:30 - 03:00 UTC 21 August  
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 21 August and 03:00 - 04:00 UTC 22 August  
QRP Fox Hunt, 01:00 - 02:30 UTC 23 August  
NCCC RTTY Sprint, 01:45 - 02:15 UTC 23 August  
NCCC Sprint, 02:30 - 03:00 UTC 23 August  
Hawaii QSO Party, 04:00 UTC 24 August to 04:00 UTC 26 August  
ALARA Contest, 06:00 UTC 24 August to 05:59 UTC 25 August  
YO DX HF Contest, 12:00 UTC 24 August to 12:00 UTC 25 August  
SCC RTTY Championship, 12:00 UTC 24 August to 11:59 UTC 25 August  
W/VE Islands QSO Party, 12:00 UTC 24 August to 03:00 UTC 25 August  
Kansas QSO Party, 14:00 UTC 24 August to 02:00 UTC and 14:00 - 20:00 UTC 25 August  
Ohio QSO Party, 16:00 UTC 24 August to 04:00 UTC 25 August  
YARC QSO Party, 16:00 UTC 24 August to 03:59 UTC 25 August  
CVA DX SSB Contest, 21:00 UTC 24 August to 21:00 UTC 25 August  
SARL HF CW Contest, 14:00 - 17:00 UTC 25 August  
QCX Challenge, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 26 August and 03:00 - 04:00 UTC 27 August

*Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter*